

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention

EXPANDABLE COUPLING

Application Number:

10/663351

Confirmation Number:

1597

First Named Applicant: Peter Ellington Attorney Docket Number: MRKS/0126

Art Unit:

3679

Search string:

(1678640 or 1820644 or 2226804 or 2341670 or 2407552 or 2873985 or 3062568 or 3105556 or 3419079 or 3766991 or 3855126 or 3857450 or 3913687 or 3989284 or 4076280 or 4449596 or 4491351 or 4591195 or 4625796 or 4659119 or 4703959 or 4712955 or 4754807 or 4771829 or 4793422 or 4813493 or 4822081 or 4878546 or 4917409 or 4985975 or 5048871 or 5181570 or 5251709 or 5339895 or 5348095 or 5388651 or 5520422 or 2155370 or 2217370 or 2858894 or 3353599 or 3851983 or 4550937 or 4611838 or 4619472 or 4711474 or 5015017 or 5069761

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

or 5366012 or 5667011).pn.

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
CA	1	1678640	1928-07-31	Hall	:		•
	2	1820644	1931-08-25	Bach			
	3	2226804	1940-12-31	Carroll			
	4	2341670	1944-02-15	Stinson			
	5	2407552	1946-09-10	Hoesel			
	6	2873985	1959-01-17	Baldwin			
	7	3062568	1962-11-06	Andresen et al.			
	8	3105556	1963-10-01	Raulins			
	9	3419079	1968-12-13	Current			
im	10	3766991	1973-10-23	Brown			

P	E	202	
FEB	16	 500r	KOFFIC
AIE			洏

اعتك			<u></u>		
M	11	3855126	1974-12-17	Smith	
	12	3857450	1974-12-31	Guier	
	13	3913687.	1975-10-21	Gyongyosi et al.	
	14	3989284	1976-11-02	Blose	
	15	4076280	1978-02-28	Young	
	16	4449596	1984-05-22	Boyadjieff	
	· 17	4491351	1985-01-01	Galle, Jr. et al.	
	18	4591195	1986-05-27	Chelette et al.	
	19	4625796	1986-12-02	Boyadjieff	
	20	4659119	1987-04-21	Reimert	
	21	4703959	1987-11-03	Reeves et al.	
	22	4712955	1987-12-15	Reece et al.	
	23	4754807	1988-07-05	Lange	
	24	4771829	1988-09-22	Sparlin	
	25	4793422	1988-12-01	Krasner	
	26	4813493	1989-03-21	Shaw et al.	
	27	4822081	1989-04-18	Blose	
	28	4878546	1989-11-07	Shaw et al.	
	29	4917409	1990-04-17	Reeves	
	30	4985975 ⁻	1991-01-22	Austin et al.	
	31	5048871	1991-09-17	Pfieffer .	
	32	5181570	1993-01-26	Allwin et al.	
	33	5251709	1993-10-12	Richardson	
	34	5339895	1994-08-23	Arterbury et al.	
	35	5348095	1994-09-20	Worrall et al.	
	. 36	5388651	1995-02-14	Berry	
Ш	37	5520422	1996-05-28	Friedrich et al.	
	38	2155370	1939-04-18	Hall et al.	
	39	2217370	1940-10-08	Johnston	
	40	2858894	1958-11-04	Akeyson	
	41	3353599	1967-11-21	Swift	
	42	3851983	1974-12-03	MacKenzie	
	43	4550937	1985-11-05	Duret	
	44	4611838	1986-09-16	Heilmann et al.	
	45	4619472	1986-10-28	Konzo et al.	
En	46	4711474	1987-12-08	Patrick	

PE	Jo _{z.}
(FEB 16	2004

MAL	47	5015017	1991-05-14	Geary
IM.	48 ·	5069761	1991-12-03	. Krings et al.
- W	49	5366012	1994-11-22	Lohbeck
m	50	5667011	1997-09-16	Gill et al.

Signature

ExaminenName		Date	
Landow !	1/	20/	کل
		- +	



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

EXPANDABLE COUPLING

Application Number:

10/663351

Confirmation Number:

1597

First Named Applicant:

Peter Ellington

Attorney Docket Number: MRKS/0126

Art Unit:

3679

Search string:

(5782503 or 5787980 or 5855242 or 5901789 or 5906398 or 5924745 or 5984568 or 6012522 or 6109349 or 6158507 or 6158785 or 6189619 or 6203766 or 6273634 or 6315040 or 6322109 or 6409175 or 6454013 or 6457532 or 6685236 or 5480196 or 20020070031 or 20030024708 or

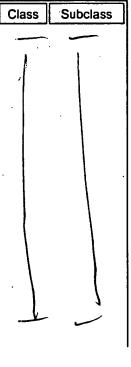
20030168858 or 20040017081 or

20030234538).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind
IM	1	5782503	1998-07-21	Noel et al.	
	2	5787980	1998-08-04	Sparlin et al.	
	3⋅	5855242 ⁻	1999-01-05	Johnson	
	4	5901789	1999-05-11	Donnelly et al.	
	5	5906398	1999-05-25	Larsen et al.	
	6	5924745	1999-07-20	Campbell	
	7	5984568	1999-11-16·	Lohbeck	
	8	6012522	2000-01-11	Donnelly et al.	
	9	6109349	2000-08-29	Simone et al.	
	.10	6158507 [.]	2000-12-12	Rouse et al.	
	11	6158785	2000-12-12 ⁻	Beaulier et al.	
V	12	6189619	2001-02-20	Wyatt et al.	
7.0	13	6203766	2001-03-20	Kawakami et al.	



FEB 1 6 2004 BE

7	474	14	6273634	2001-08-14	Lohbeck
		15	6315040	2001-11-13	Donnelly
		16	6322109	2001-11-27	Campbell et al.
		17	6409175	2002-06-25	Evans et al.
l		18	6454013	2002-09-24	Metcalfe
l		19	6457532	2002-10-01	Simpson
l	V	20	6685236	2004-02-03	Setterberg
ł	1mil	21	5480196	1996-01-02	Adams, Jr.

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

	init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
H	gin	1	20020070031	2002-06-13	Voll et al.			,
╽╽	Am	2	20030024708	2003-02-06	Ring			
-	W	3	20030168858	2003-09-11	Hashem			
	41	4	20040017081	2004-01-29	Simpson			•
		5	20030234538	2003-12-25	Hashem			

Signature

Examiner Name	Pate /
And M	//21/05

use through 07/31/2006 OMB occ

		Under the Paper	rk R Rus	Act of 1995, r	U.S. Pater no persons are required to respond to a collecti	nt and Trademark Office: U.S. DEPARTMENT OF COMMERCE ion of Information unless it displays a valid OMB control number
	Substitute	e for form 1449A/PTO		Application Number	10/663,351	
	INFORMATION BUSCLOSURE				Filing Date	September 12, 2003
					First Named Inventor	Peter Ellington
STATEMENT BY APPLICANT			JAÑT	Group Art Unit	3679	
		4	ADEM		Examiner Name	UNKNOWN E. MICHOLSON
(Use as many sheets as necessary))	Attorney Docket Number	MRKS/0126
厂	Sheet	1	of	2	Submission Date	February, 2004

				U.S. PATENT	DOCUMENTS	
Examiner Initials*		Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
		No.'	Number-Kind Code ^{2 (d known)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
an		A1	US-09/381,508	03/20/1998	Metcalfe	
4	t	A2	US-09/762,410	08/09/1999	Metcalfe	·
		A3	Us-10/185,789	06/28/2002	Setterberg	
	-	A4	US-10/313,920	12/06/2002	Maguire	
		A5	US-10/443,664	05/22/2003	Ellington	
J		A6	US-10/664,584	09/17/2003	Evans et al.	
Lin	人	A7	US-10/670,133	09/26/2003	Macaulay	

	FORE	IGN PATENT	DOCUMENTS		
Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁰
No.'	Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document		
B1	WO 93/12323	06/24/1993	Krylov et al.		
B2	WO 93/25800 A1	12/23/1993	Lohbeck		
В3	WO 96/37680	11/28/1996	Lohbeck		
B4	WO 96/37681 A1	11/28/1996	Campbell		
B5	WO 96/37687	12/06/1995	Haas et al.		
B6 `	WO 97/17524 A2	05/15/1997	Doonnelly		
В7	WO 97/21901	06/19/1997	Campbell		
B8	WO 98/22690 A1	05/28/2998	Lohbeck		
B9	WO 98/32948 A1	07/30/1995	Pietras		
B10	WO 98/42947 A1	10/01/1998	Metcalfe		
B11	WO 00/08301 A2	02/17/2000	Metcalfe		
B12	WO 00/37766 A2	06/29/2000	Simpson		
B14	EP 0 659 975 A2	06/28/1995	Nagaoka		
B15	EP 0 171 144 A1	02/12/1986	Stringfellow		
B16	EP 0 803 637 A2	10/29/1997	Gallagher		
B17	GB 2 099 529 A	12/08/1982	McGregor		
B18	GB-2-16) 569 A	07/02/1985	Rumert		
	No.¹ B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B14 B15 B16 B17	Cite No.¹ Foreign Patent Document Number-Kind Code² (# known) B1 WO 93/12323 B2 WO 93/25800 A1 B3 WO 96/37680 B4 WO 96/37681 A1 B5 WO 96/37687 B6 WO 97/17524 A2 B7 WO 97/21901 B8 WO 98/22690 A1 B9 WO 98/32948 A1 B10 WO 98/42947 A1 B11 WO 00/08301 A2 B12 WO 00/37766 A2 B14 EP 0 659 975 A2 B15 EP 0 171 144 A1 B16 EP 0 803 637 A2 B17 GB 2 099 529 A	Cite No.1 Foreign Patent Document Number-Kind Code ^{2 (# known)} Publication Date MM-DD-YYYY B1 WO 93/12323 06/24/1993 B2 WO 93/25800 A1 12/23/1993 B3 WO 96/37680 11/28/1996 B4 WO 96/37681 A1 11/28/1996 B5 WO 96/37687 12/06/1995 B6 WO 97/17524 A2 05/15/1997 B7 WO 97/21901 06/19/1997 B8 WO 98/22690 A1 05/28/2998 B9 WO 98/32948 A1 07/30/1995 B10 WO 98/42947 A1 10/01/1998 B11 WO 00/08301 A2 02/17/2000 B12 WO 00/37766 A2 06/29/2000 B14 EP 0 659 975 A2 06/28/1995 B15 EP 0 171 144 A1 02/12/1986 B16 EP 0 803 637 A2 10/29/1997 B17 GB 2 099 529 A 12/08/1982	No.1	Cite No.¹ Foreign Patent Document Number-Kind Code² (# Income) Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document Pages, Columns, Lines, Where Relevant Passages or Relevant Passages or Relevant Figures Appear B1 WO 93/12323 06/24/1993 Krytov et al. B2 WO 93/25800 A1 12/23/1993 Lohbeck B3 WO 96/37680 11/28/1996 Lohbeck B4 WO 96/37681 A1 11/28/1996 Campbell B5 WO 97/17524 A2 05/15/1997 Doonnelly B6 WO 97/17524 A2 05/15/1997 Donnelly B7 WO 97/21901 06/19/1997 Campbell B8 WO 98/32948 A1 07/30/1995 Pietras B9 WO 98/32948 A1 07/30/1995 Pietras B10 WO 98/42947 A1 10/01/1998 Metcalfe B11 WO 00/08301 A2 02/17/2000 Metcalfe B12 WO 00/37766 A2 06/29/2000 Simpson B14 EP 0 659 975 A2 06/28/1995 Nagaoka B15 EP 0 171 144 A1 02/12/1986 <td< td=""></td<>

EXAMINEH: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation it not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 90 104. Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Date Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Examiner

Plassa	trans	a như	rion.	1+1	Insida	dhis	box

PTO/SB/08b (08-03)

ase type a prus-sig	In (+) Inside the Paner		P Et of 1995, no	U.S. Pate:	Approved for use through 08/30/2006. OMB 0851-003 nt and Trademark Office: U.S. DEPARTMENT OF COMMERC on of information unless it displays a valid OMB control numbe
Substitute	tor form 1449B/PTO	Cig		Application Number	10/663,351
	(2)	FEB 2 6 2004	Filing Date	September 12, 2003	
INFO	INFORMATION DISCLOSURES STATEMENT BY APPLICANT (Use as many sheets as necessary)			First Named Inventor	Peter Ellington
STAT				Group Art Unit	3679
				Examiner Name	Unknown
				Attorney Docket Number	MRKS/0126
Shoot	2	of	2	Submission Date	February 2004

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
47	· C1	GB 0221220.7 Search Report	
$\left \int_{1}^{1} $	C2	GB 0215668.5 Search Report	
	СЗ	GB 0222321.2 Search Report	
	C4	PCT/GB 98/00863 Written Opinion	
	C5	GB 0215668.5 Search Report	
P	C6	"polytetrafluoroethylene", Encyclopedia Britannica; http://www.search.eb.com/eb/article?eu=62273 [Accessed October 22, 2002].	
Cu	C7	"industrial polymers, major", Encyclopedia Britannica; http://www.search.eb.com/eb/article?eu=62273 [Accessed October 22, 2002].	
	C8		
	C9		
	C10		
Examine	4	Date Considered / 7/1	05

*EXAMINER: Initial if reterence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.